

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121922\
 Data File : BN023281.D
 Acq On : 19 Dec 2022 12:02
 Operator : CG/JU
 Sample : PB149692BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB149692BL

Quant Time: Dec 19 15:20:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 05:18:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

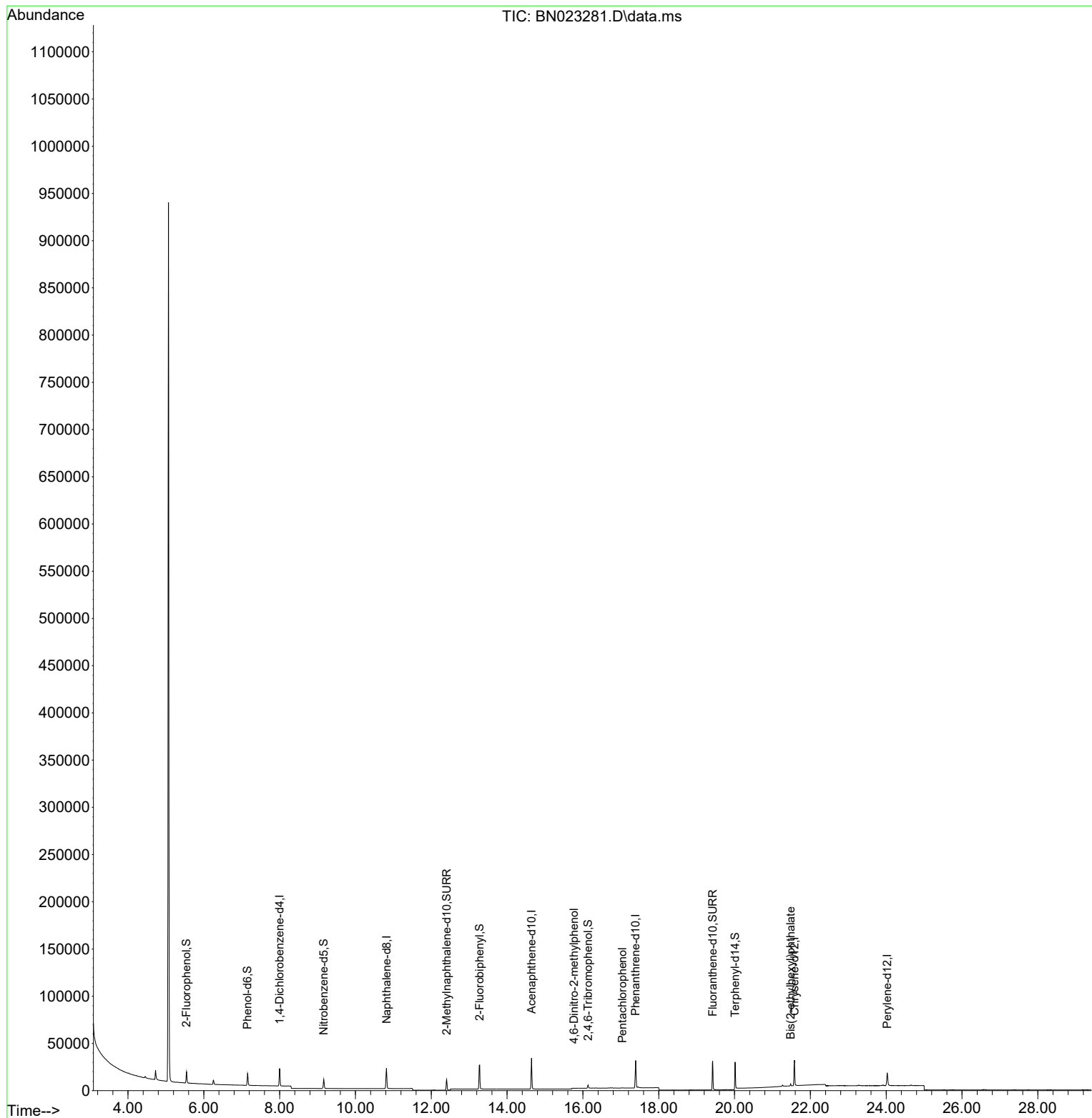
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	8904	0.400	ng	-0.02
7) Naphthalene-d8	10.818	136	28105	0.400	ng	-0.02
13) Acenaphthene-d10	14.645	164	17404	0.400	ng	-0.01
19) Phenanthrene-d10	17.390	188	38498	0.400	ng	#-0.01
29) Chrysene-d12	21.580	240	26428	0.400	ng	0.00
35) Perylene-d12	24.027	264	19440	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.543	112	9391	0.566	ng	0.00
5) Phenol-d6	7.154	99	12078	0.573	ng	-0.01
8) Nitrobenzene-d5	9.163	82	7571	0.409	ng	-0.02
11) 2-Methylnaphthalene-d10	12.405	152	17293	0.363	ng	-0.02
14) 2,4,6-Tribromophenol	16.136	330	1986	0.315	ng	-0.01
15) 2-Fluorobiphenyl	13.276	172	24341	0.350	ng	-0.01
27) Fluoranthene-d10	19.422	212	33448	0.371	ng	-0.01
31) Terphenyl-d14	20.013	244	19618	0.457	ng	-0.02
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.764	198	7	0.233	ng	# 1
24) Pentachlorophenol	17.042	266	192	0.021	ng	94
34) Bis(2-ethylhexyl)phtha...	21.482	149	1774	0.049	ng	# 90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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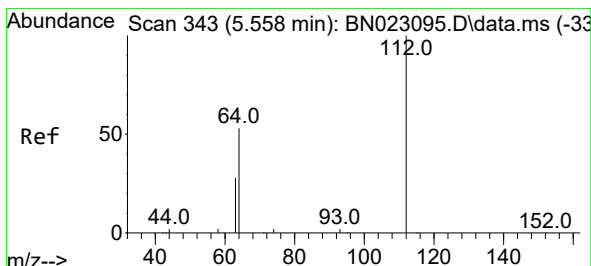
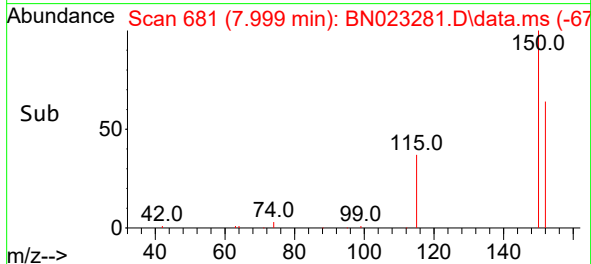
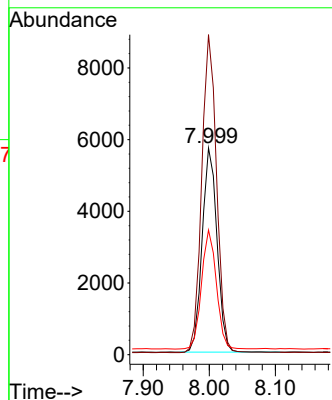
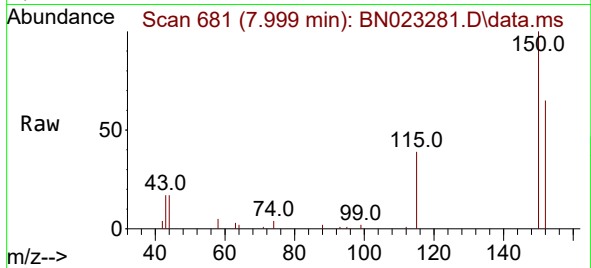




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.999 min Scan# 61
Delta R.T. -0.022 min
Lab File: BN023281.D
Acq: 19 Dec 2022 12:02

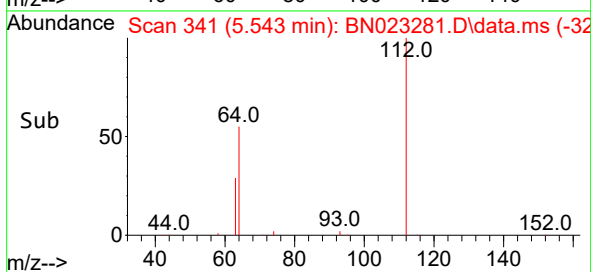
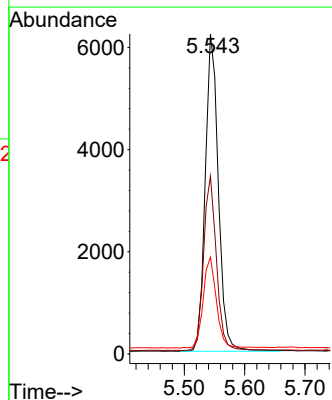
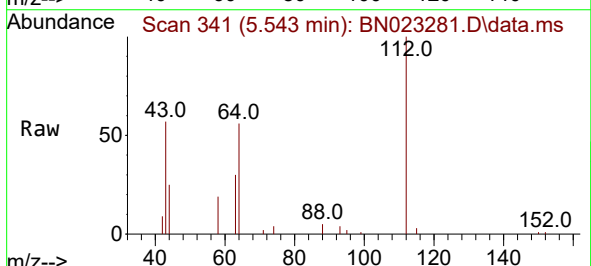
Instrument :
BNA_N
ClientSampleId :
PB149692BL

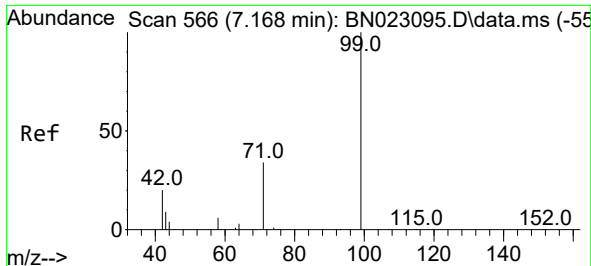
Tgt Ion:152 Resp: 8904
Ion Ratio Lower Upper
152 100
150 154.8 125.6 188.4
115 60.3 49.0 73.4



#4
2-Fluorophenol
Concen: 0.566 ng
RT: 5.543 min Scan# 341
Delta R.T. -0.007 min
Lab File: BN023281.D
Acq: 19 Dec 2022 12:02

Tgt Ion:112 Resp: 9391
Ion Ratio Lower Upper
112 100
64 54.1 44.4 66.6
63 29.3 23.7 35.5

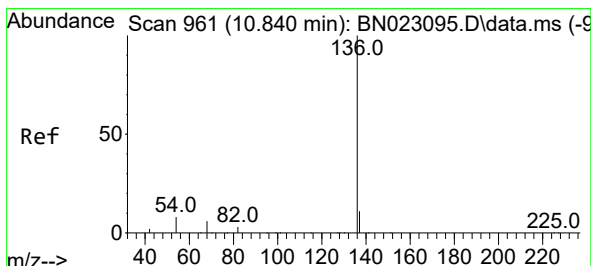
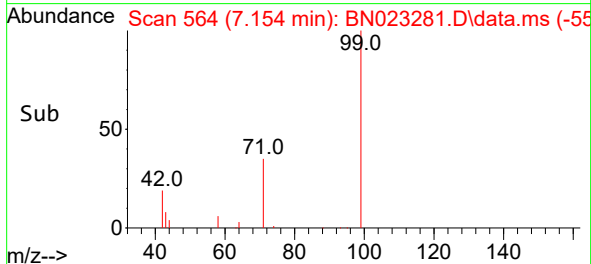
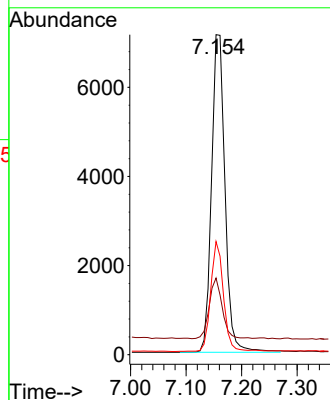
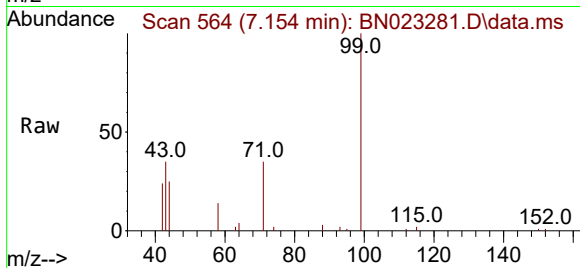




#5
Phenol-d6
Concen: 0.573 ng
RT: 7.154 min Scan# 501
Delta R.T. -0.015 min
Lab File: BN023281.D
Acq: 19 Dec 2022 12:02

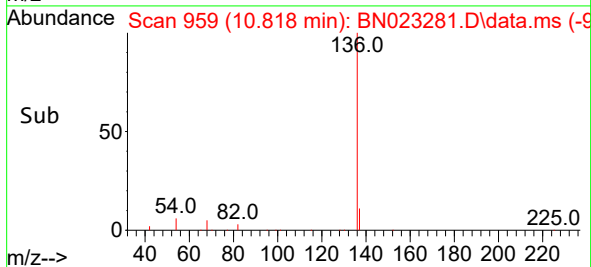
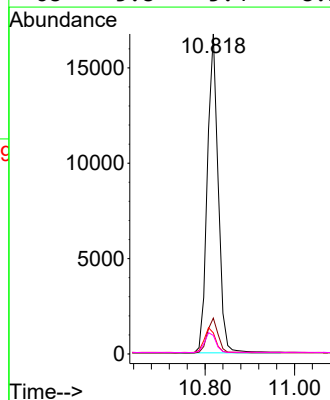
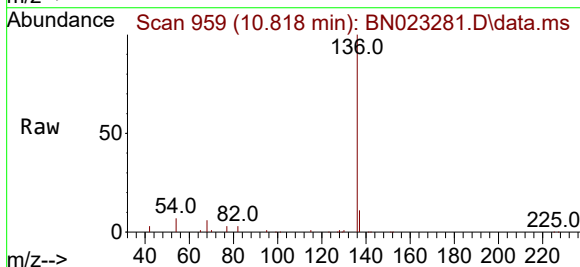
Instrument :
BNA_N
ClientSampleId :
PB149692BL

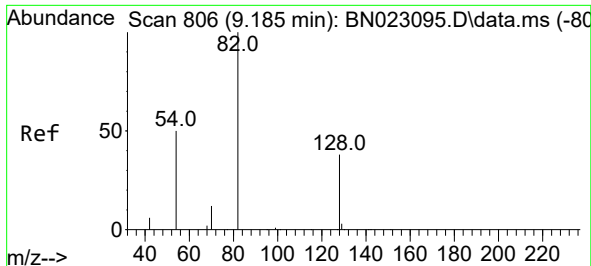
Tgt Ion: 99 Resp: 12078
Ion Ratio Lower Upper
99 100
42 18.2 16.3 24.5
71 32.9 26.5 39.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.818 min Scan# 959
Delta R.T. -0.022 min
Lab File: BN023281.D
Acq: 19 Dec 2022 12:02

Tgt Ion: 136 Resp: 28105
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 6.6 6.5 9.7
68 5.8 5.4 8.2

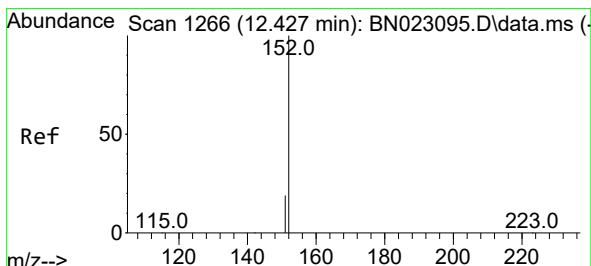
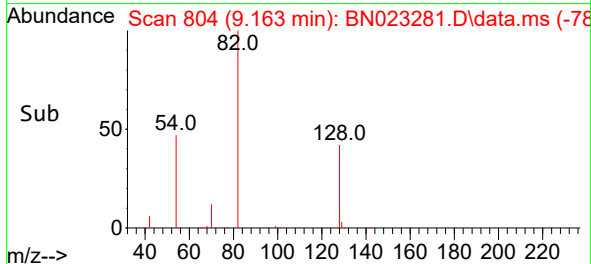
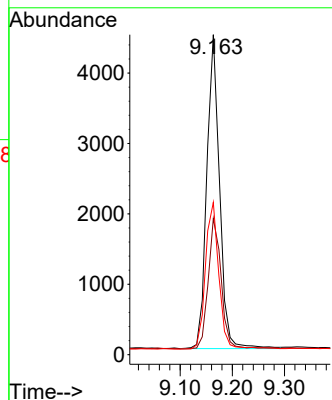
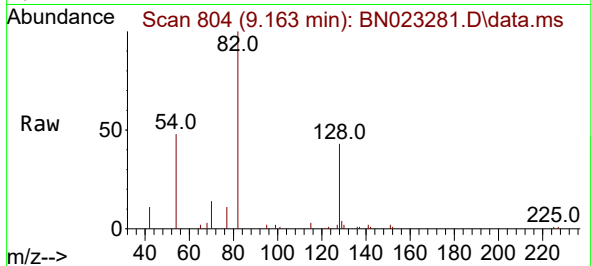




#8
Nitrobenzene-d5
Concen: 0.409 ng
RT: 9.163 min Scan# 806
Delta R.T. -0.022 min
Lab File: BN023281.D
Acq: 19 Dec 2022 12:02

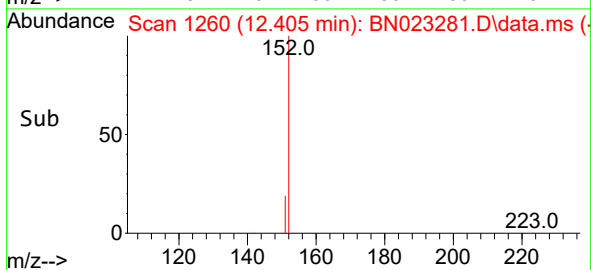
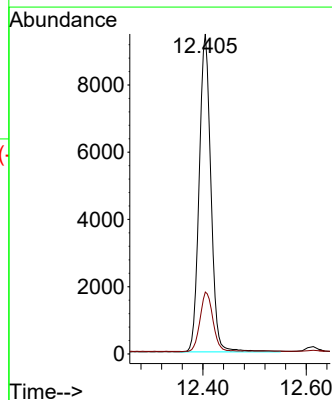
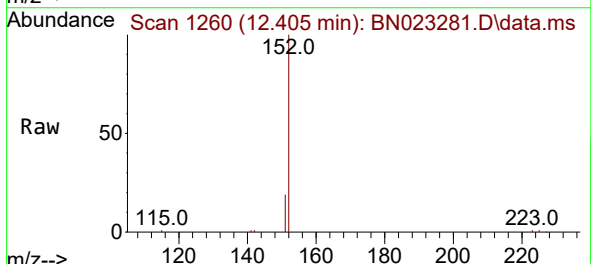
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ClientSampleId :
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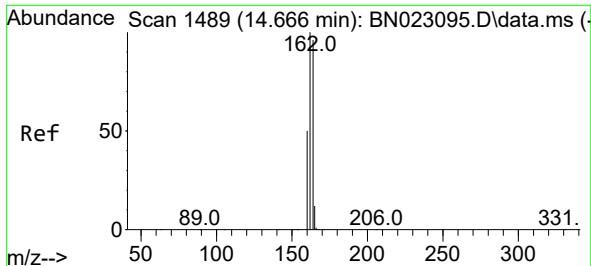
Tgt Ion: 82 Resp: 7571
Ion Ratio Lower Upper
82 100
128 42.6 31.4 47.2
54 47.6 41.0 61.4



#11
2-Methylnaphthalene-d10
Concen: 0.363 ng
RT: 12.405 min Scan# 1260
Delta R.T. -0.015 min
Lab File: BN023281.D
Acq: 19 Dec 2022 12:02

Tgt Ion: 152 Resp: 17293
Ion Ratio Lower Upper
152 100
151 17.7 15.1 22.7

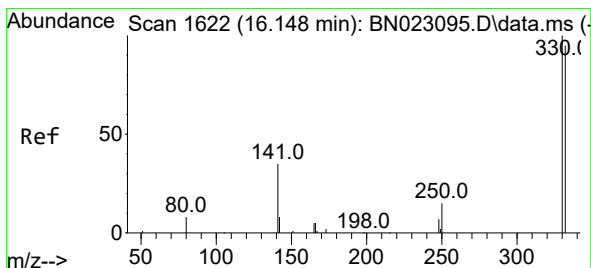
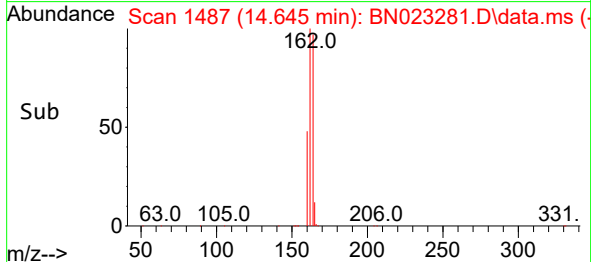
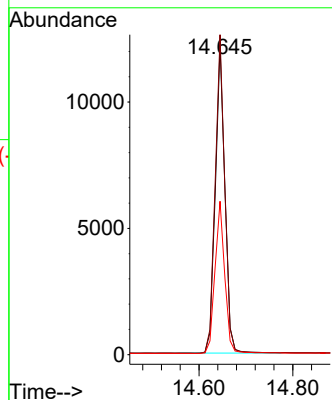
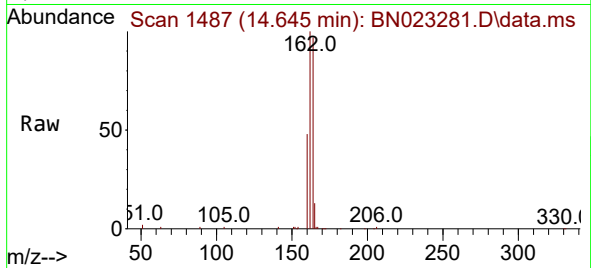




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.645 min Scan# 1487
 Delta R.T. -0.011 min
 Lab File: BN023281.D
 Acq: 19 Dec 2022 12:02

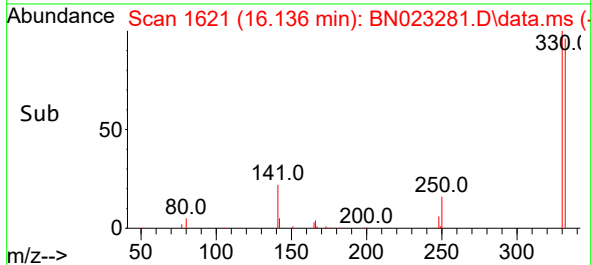
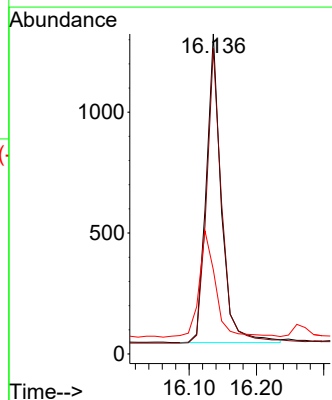
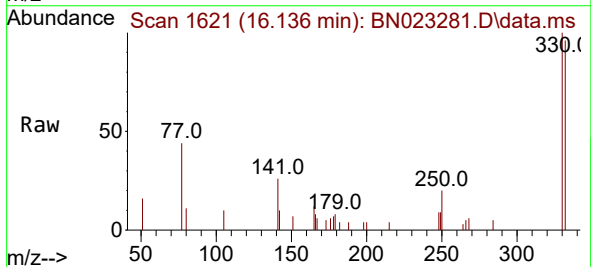
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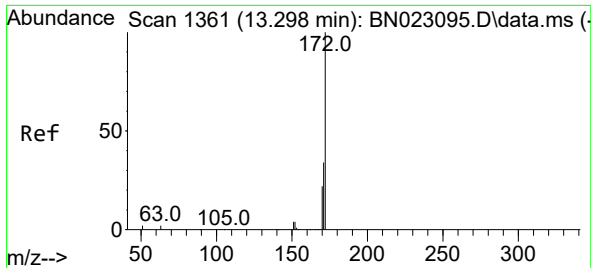
Tgt Ion:164 Resp: 17404
 Ion Ratio Lower Upper
 164 100
 162 103.3 83.4 125.0
 160 49.5 41.8 62.8



#14
 2,4,6-Tribromophenol
 Concen: 0.315 ng
 RT: 16.136 min Scan# 1621
 Delta R.T. -0.013 min
 Lab File: BN023281.D
 Acq: 19 Dec 2022 12:02

Tgt Ion:330 Resp: 1986
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.3 115.9
 141 38.3 33.5 50.3

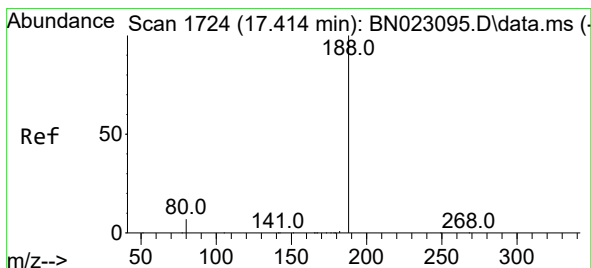
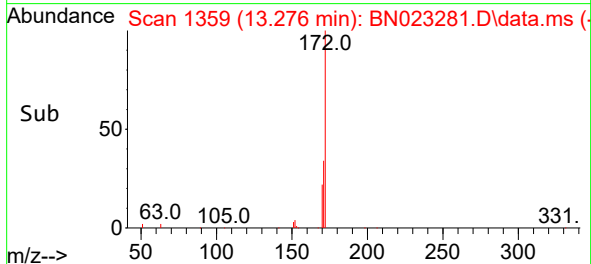
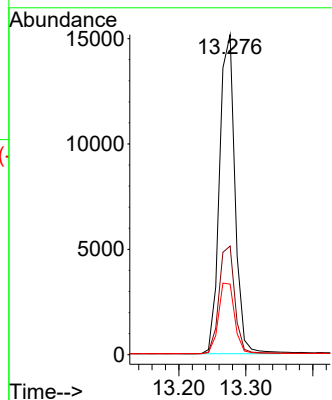
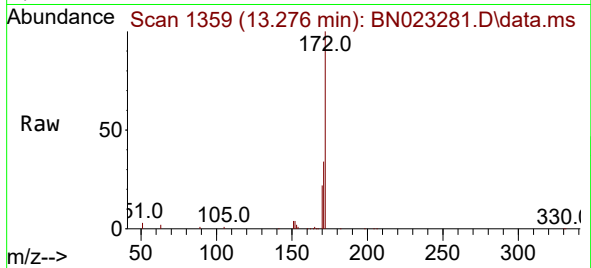




#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 13.276 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN023281.D
Acq: 19 Dec 2022 12:02

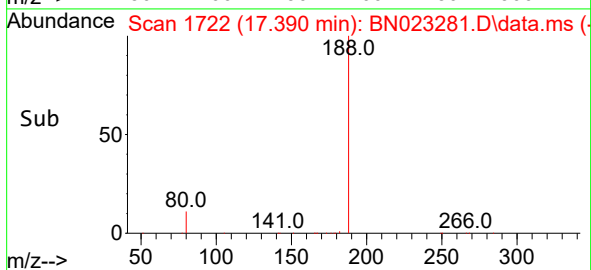
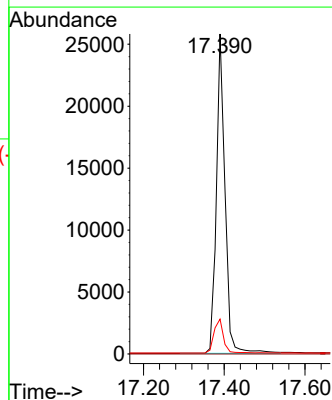
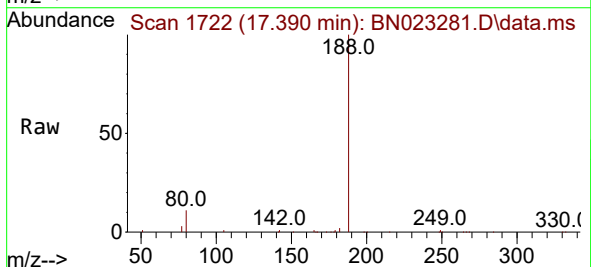
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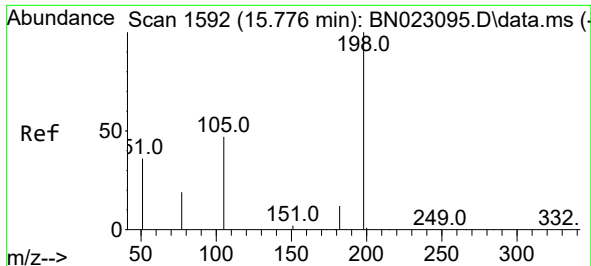
Tgt Ion:172 Resp: 24341
Ion Ratio Lower Upper
172 100
171 34.0 27.4 41.0
170 22.1 17.9 26.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.390 min Scan# 1722
Delta R.T. -0.013 min
Lab File: BN023281.D
Acq: 19 Dec 2022 12:02

Tgt Ion:188 Resp: 38498
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.9 6.1 9.1#

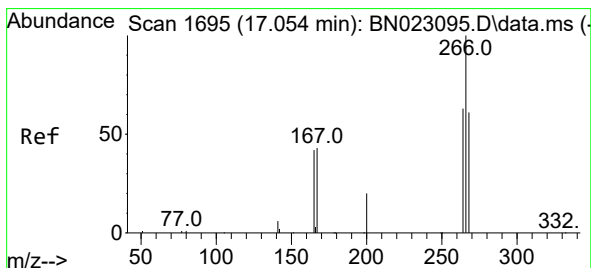
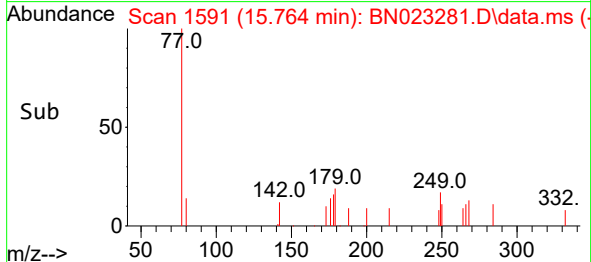
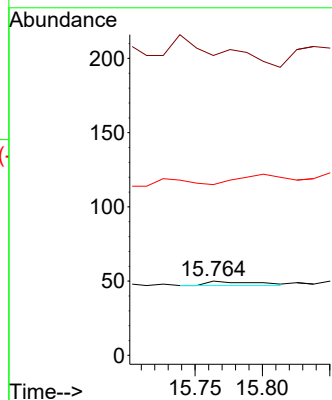
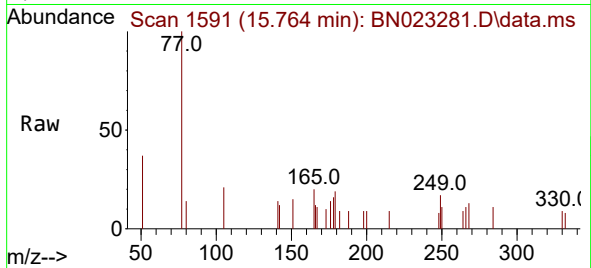




#20
4,6-Dinitro-2-methylphenol
Concen: 0.233 ng
RT: 15.764 min Scan# 1591
Delta R.T. -0.013 min
Lab File: BN023281.D
Acq: 19 Dec 2022 12:02

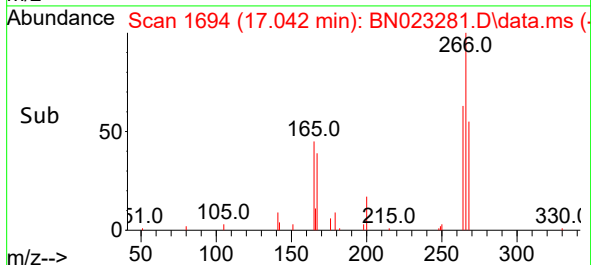
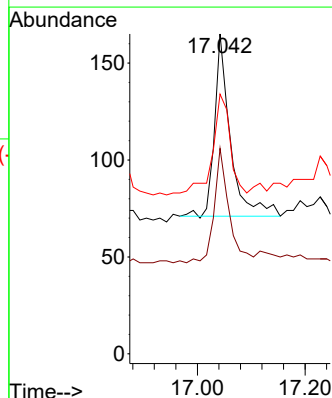
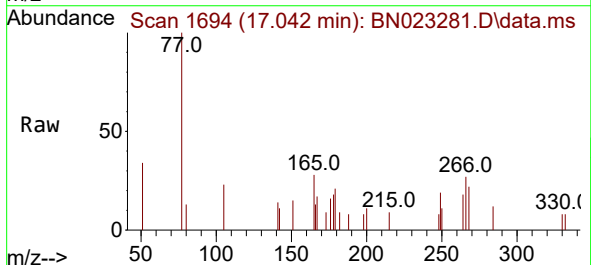
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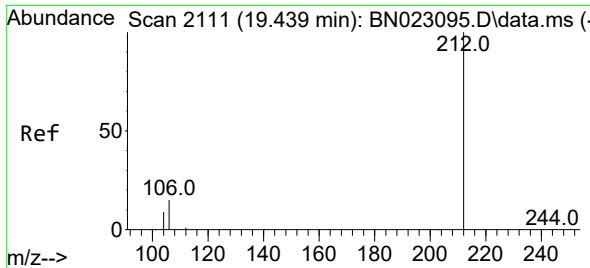
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 404.0 57.0 85.4#
105 230.0 47.2 70.8#



#24
Pentachlorophenol
Concen: 0.021 ng
RT: 17.042 min Scan# 1694
Delta R.T. -0.013 min
Lab File: BN023281.D
Acq: 19 Dec 2022 12:02

Tgt Ion:266 Resp: 192
Ion Ratio Lower Upper
266 100
264 58.3 50.1 75.1
268 57.3 49.7 74.5

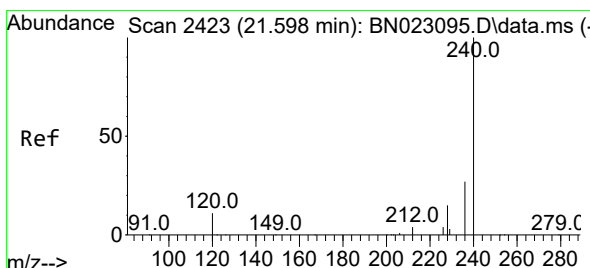
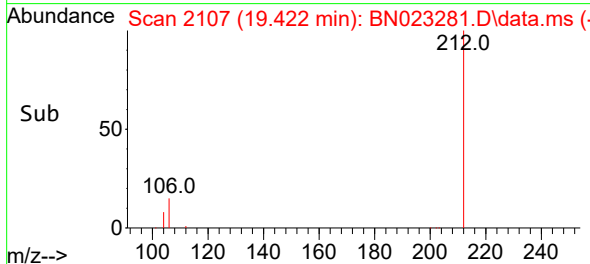
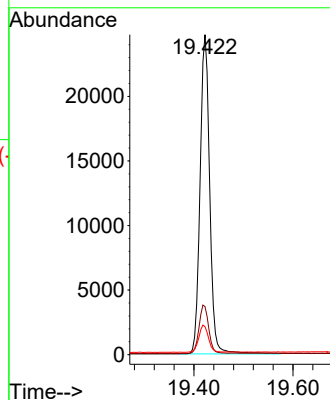
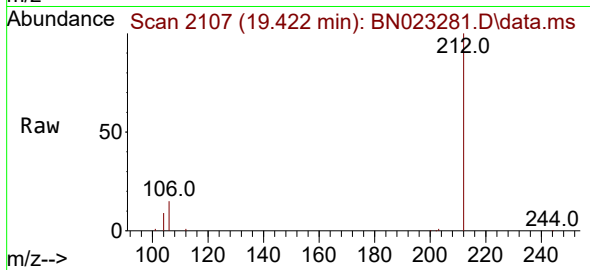




#27
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.422 min Scan# 2111
Delta R.T. -0.013 min
Lab File: BN023281.D
Acq: 19 Dec 2022 12:02

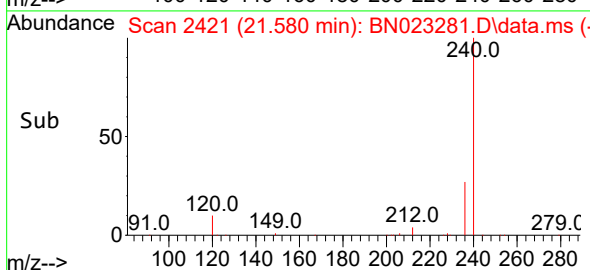
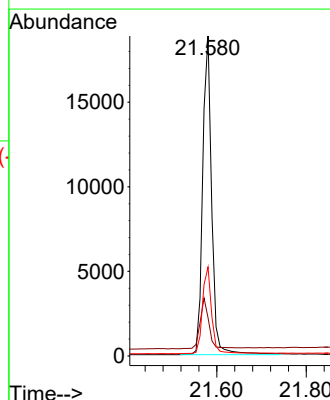
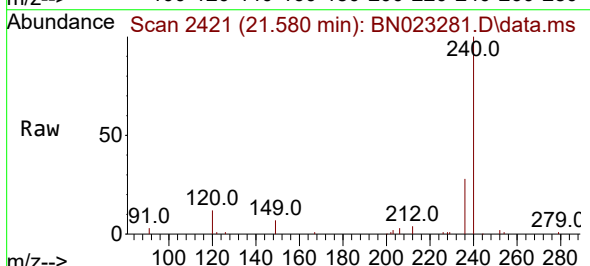
Instrument :
BNA_N
ClientSampleId :
PB149692BL

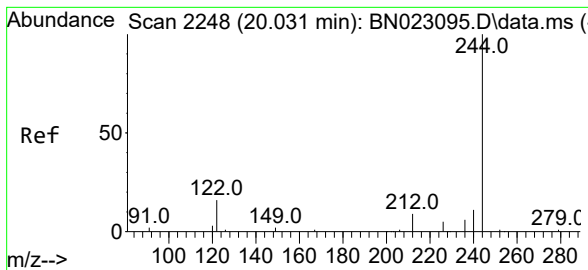
Tgt Ion:212 Resp: 33448
Ion Ratio Lower Upper
212 100
106 15.1 13.0 19.4
104 8.5 7.5 11.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.580 min Scan# 2421
Delta R.T. -0.009 min
Lab File: BN023281.D
Acq: 19 Dec 2022 12:02

Tgt Ion:240 Resp: 26428
Ion Ratio Lower Upper
240 100
120 12.0 10.1 15.1
236 27.8 22.2 33.4





#31

Terphenyl-d14

Concen: 0.457 ng

RT: 20.013 min Scan# 21

Delta R.T. -0.018 min

Lab File: BN023281.D

Acq: 19 Dec 2022 12:02

Instrument :

BNA_N

ClientSampleId :

PB149692BL

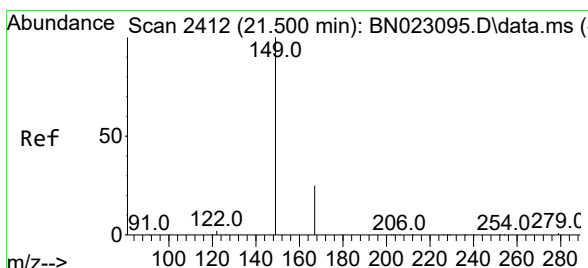
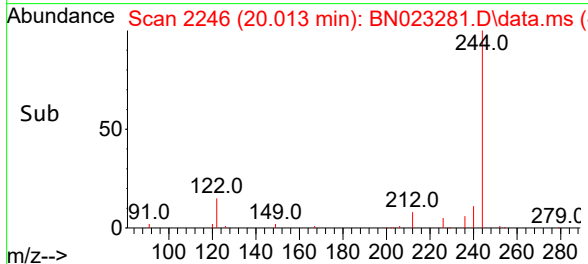
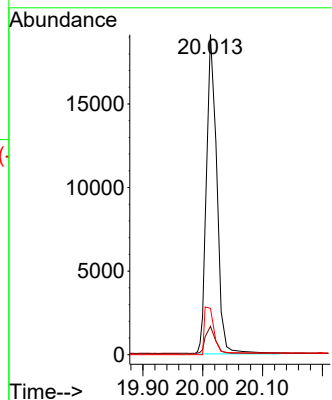
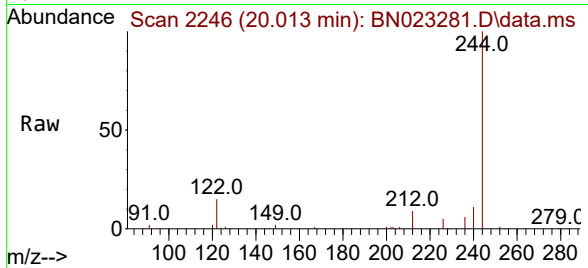
Tgt Ion:244 Resp: 19618

Ion Ratio Lower Upper

244 100

212 8.9 7.6 11.4

122 14.5 12.6 18.8



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.049 ng

RT: 21.482 min Scan# 2410

Delta R.T. -0.009 min

Lab File: BN023281.D

Acq: 19 Dec 2022 12:02

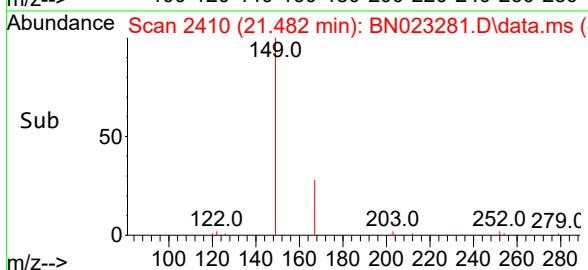
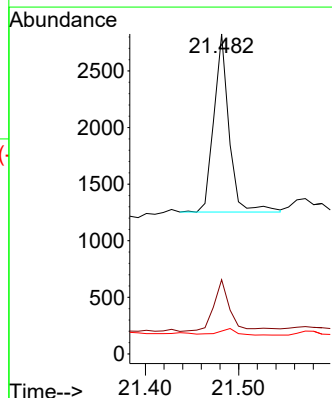
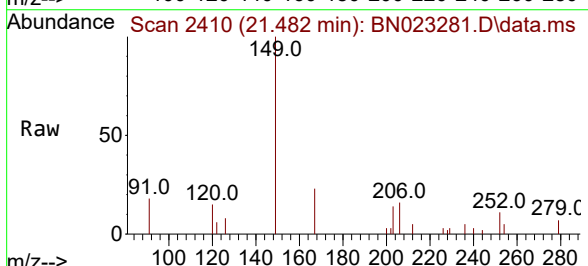
Tgt Ion:149 Resp: 1774

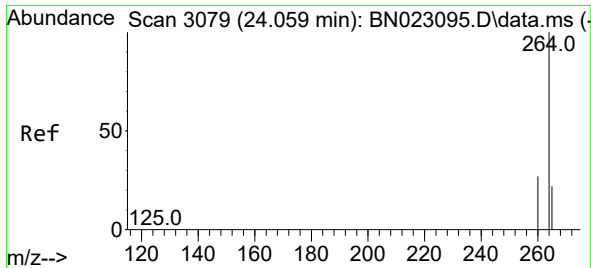
Ion Ratio Lower Upper

149 100

167 30.4 20.2 30.2#

279 4.3 2.3 3.5#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.027 min Scan# 30
 Delta R.T. -0.024 min
 Lab File: BN023281.D
 Acq: 19 Dec 2022 12:02

Instrument :
 BNA_N
 ClientSampleId :
 PB149692BL

Tgt Ion:264 Resp: 19440
 Ion Ratio Lower Upper
 264 100
 260 26.2 21.7 32.5
 265 57.3 43.2 64.8

